

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092424\
 Data File : VD079879.D
 Acq On : 24 Sep 2024 16:17
 Operator : RP/MD
 Sample : P4162-09
 Misc : 5.31G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 25 01:24:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 25 01:21:43 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

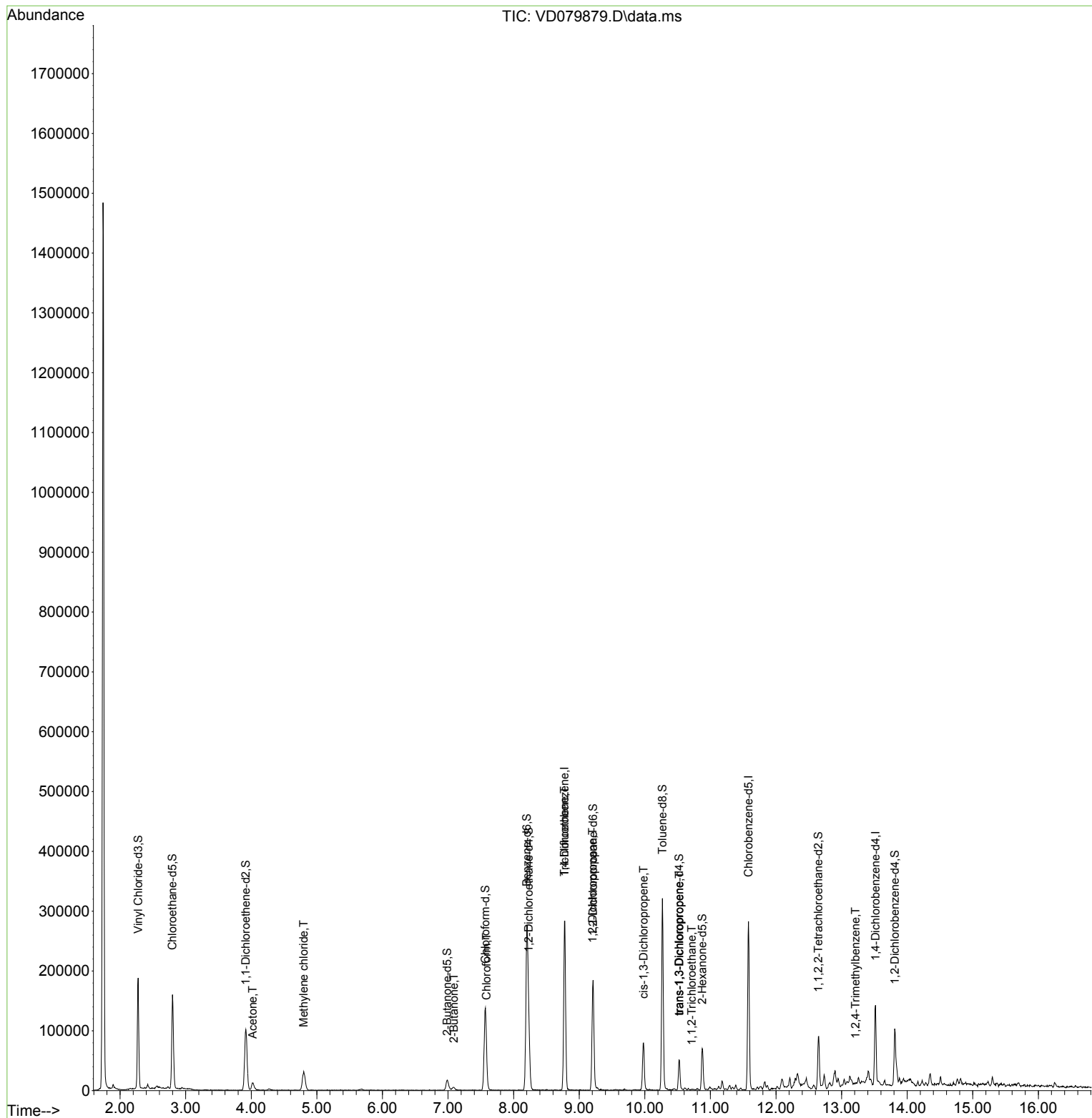
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	239103	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	157512	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	34113	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	171217	16.468	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.880%
7) Chloroethane-d5	2.799	69	163334	19.842	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.360%
11) 1,1-Dichloroethene-d2	3.917	65	31399	16.633	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.520%
21) 2-Butanone-d5	6.987	46	30551	31.626	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.260%
24) Chloroform-d	7.569	84	143426	18.248	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.000%
26) 1,2-Dichloroethane-d4	8.228	65	73559	17.898	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.600%
32) Benzene-d6	8.199	84	284016	25.540	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.160%
36) 1,2-Dichloropropane-d6	9.210	67	89579	26.302	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.200%
41) Toluene-d8	10.269	98	206776	21.131	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.520%
43) trans-1,3-Dichloroprop...	10.522	79	29710	20.290	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.160%
47) 2-Hexanone-d5	10.875	63	23706	42.699	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.400%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	44560	17.805	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.200%
66) 1,2-Dichlorobenzene-d4	13.810	152	21598	16.789	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	67.160%#
Target Compounds	Qvalue					
13) Acetone	4.022	43	20151	17.110	ug/L	94
16) Methylene chloride	4.799	84	22737	4.813	ug/L	94
22) 2-Butanone	7.087	43	8357	6.049	ug/L	97
25) Chloroform	7.587	83	1604	0.200	ug/L	76
34) Trichloroethene	8.775	95	7306	2.696	ug/L #	8
37) 1,2-Dichloropropane	9.205	63	10020	3.133	ug/L #	100
39) cis-1,3-Dichloropropene	9.981	75	2734	0.609	ug/L #	76
44) trans-1,3-Dichloropropene	10.528	75	1769	0.447	ug/L	93
45) 1,1,2-Trichloroethane	10.716	97	440	0.201	ug/L #	29
63) 1,2,4-Trimethylbenzene	13.210	105	1318	0.292	ug/L #	59

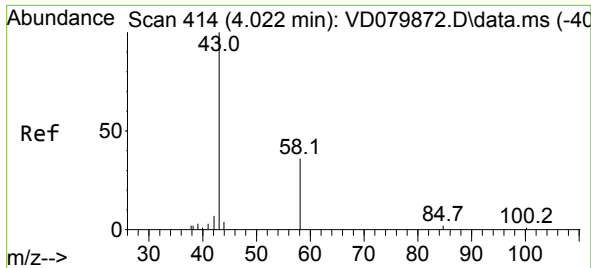
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 25 01:24:16 2024
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Quant Title : SFAM01.0
QLast Update : Wed Sep 25 01:21:43 2024
Response via : Initial Calibration





#13

Acetone

Concen: 17.110 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD079879.D

Acq: 24 Sep 2024 16:17

Instrument :

MSVOA_D

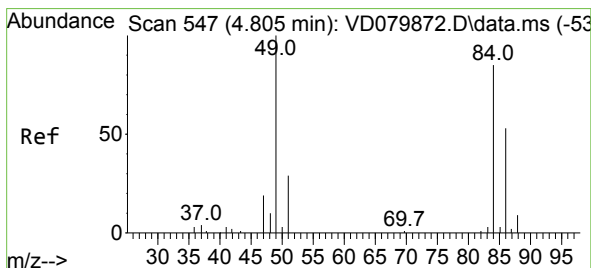
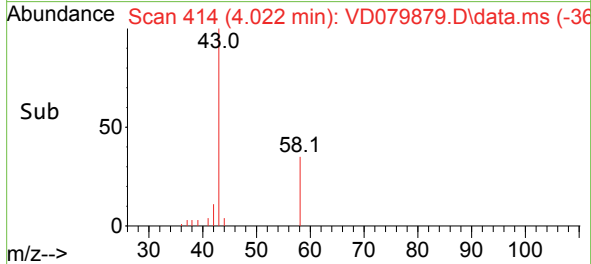
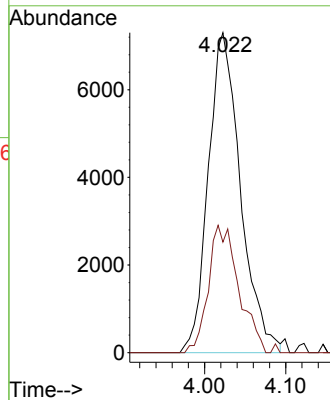
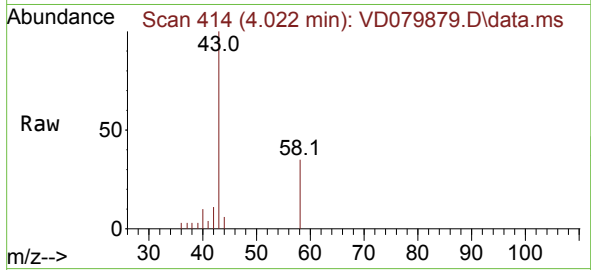
ClientSampleId :

Tgt Ion: 43 Resp: 20151

Ion Ratio Lower Upper

43 100

58 34.5 0.0 75.8



#16

Methylene chloride

Concen: 4.813 ug/L

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD079879.D

Acq: 24 Sep 2024 16:17

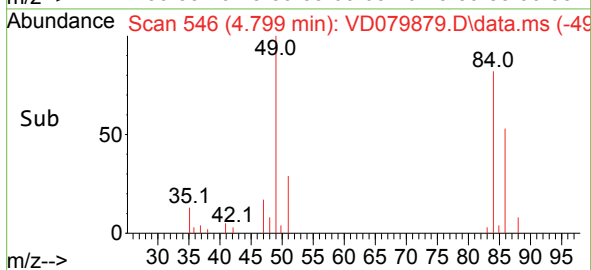
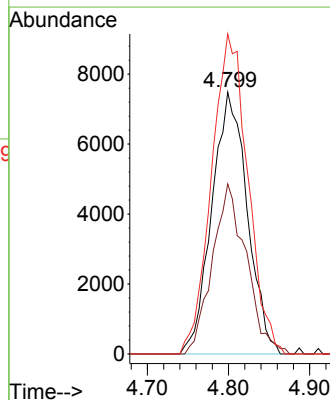
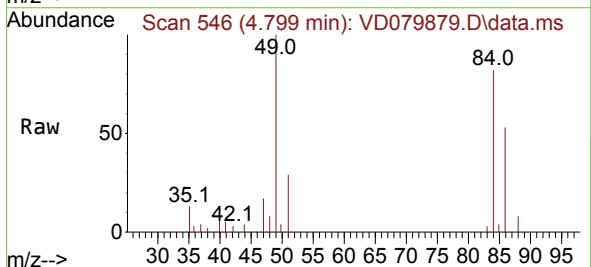
Tgt Ion: 84 Resp: 22737

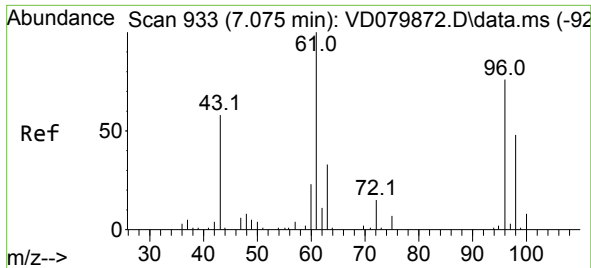
Ion Ratio Lower Upper

84 100

86 65.0 41.0 76.2

49 122.2 90.0 167.2

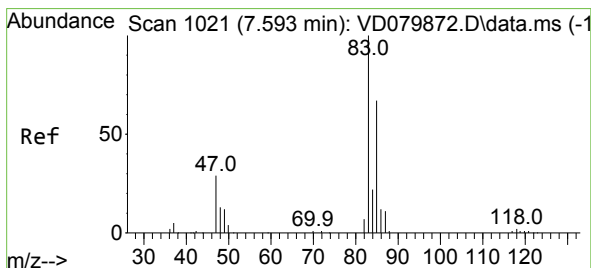
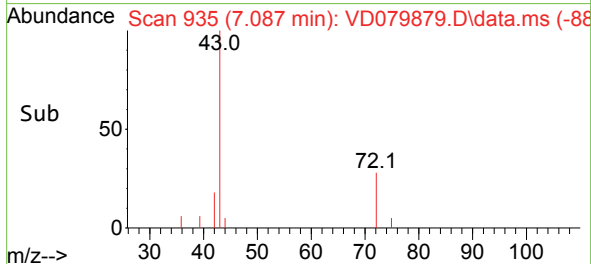
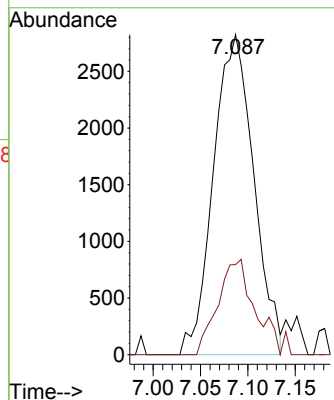
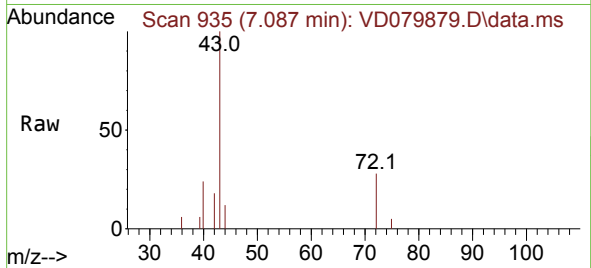




#22
2-Butanone
Concen: 6.049 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD079879.D
Acq: 24 Sep 2024 16:17

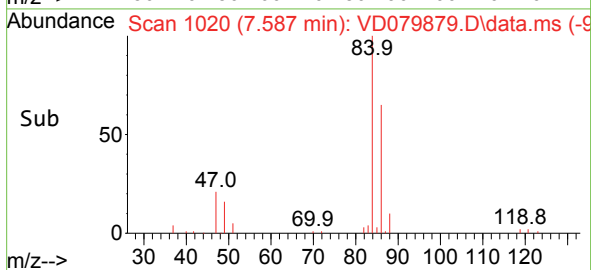
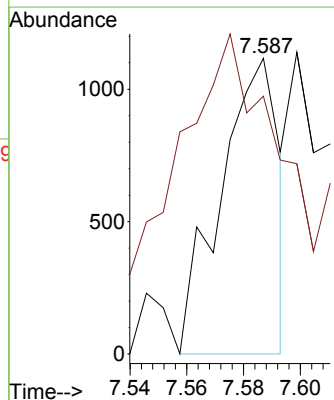
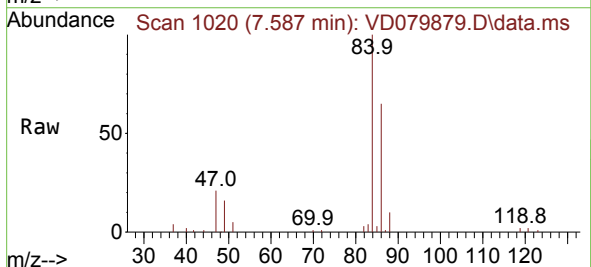
Instrument :
MSVOA_D
ClientSampleId :

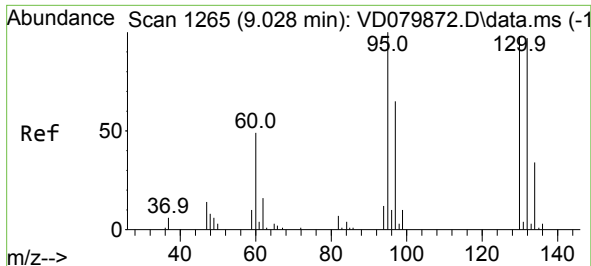
Tgt Ion: 43 Resp: 8357
Ion Ratio Lower Upper
43 100
72 24.6 13.1 39.3



#25
Chloroform
Concen: 0.200 ug/L
RT: 7.587 min Scan# 1020
Delta R.T. -0.006 min
Lab File: VD079879.D
Acq: 24 Sep 2024 16:17

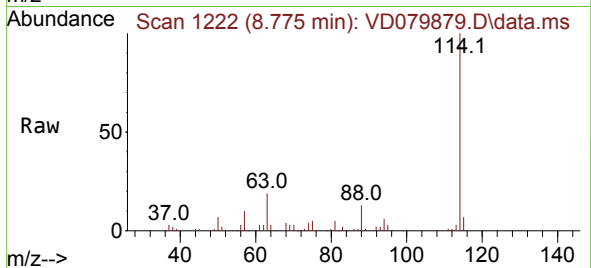
Tgt Ion: 83 Resp: 1604
Ion Ratio Lower Upper
83 100
85 87.2 47.3 87.9



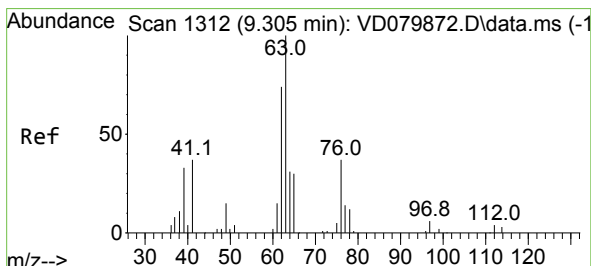
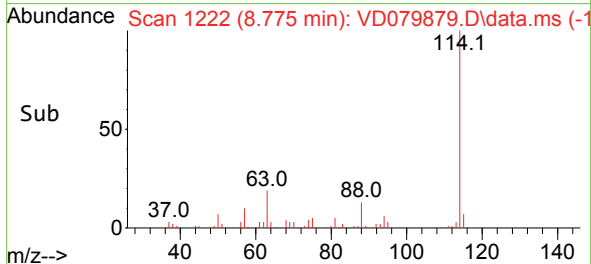
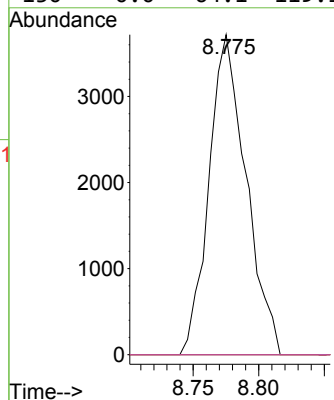


#34
 Trichloroethene
 Concen: 2.696 ug/L
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.253 min
 Lab File: VD079879.D
 Acq: 24 Sep 2024 16:17

Instrument :
 MSVOA_D
 ClientSampleId :

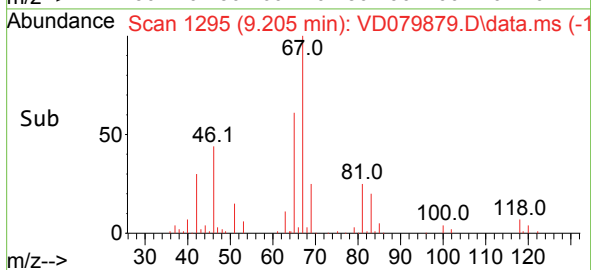
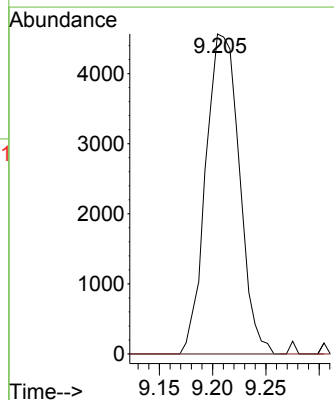
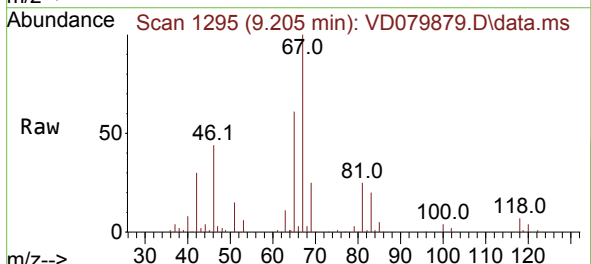


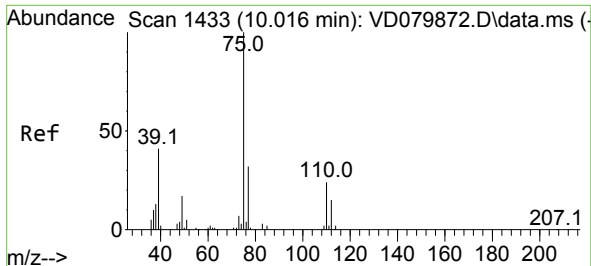
Tgt Ion: 95 Resp: 7306
 Ion Ratio Lower Upper
 95 100
 97 0.0 43.5 80.7#
 132 0.0 64.5 119.7#
 130 0.0 64.1 119.1#



#37
 1,2-Dichloropropane
 Concen: 3.133 ug/L
 RT: 9.205 min Scan# 1295
 Delta R.T. -0.100 min
 Lab File: VD079879.D
 Acq: 24 Sep 2024 16:17

Tgt Ion: 63 Resp: 10020
 Ion Ratio Lower Upper
 63 100
 112 0.0 0.0 0.0





#39

cis-1,3-Dichloropropene

Concen: 0.609 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.035 min

Lab File: VD079879.D

Acq: 24 Sep 2024 16:17

Instrument :

MSVOA_D

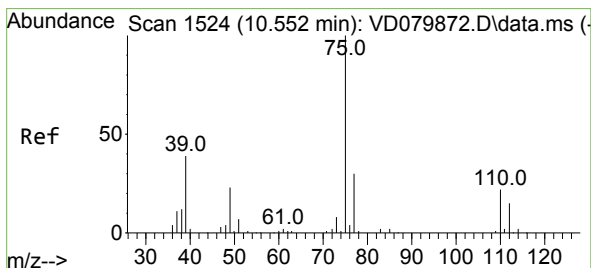
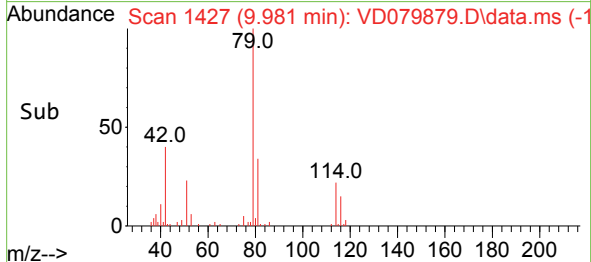
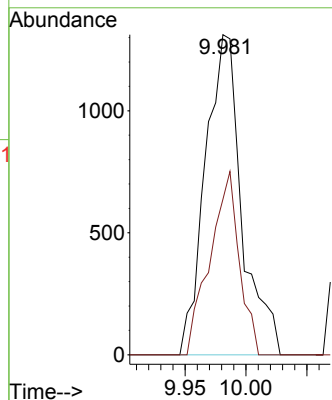
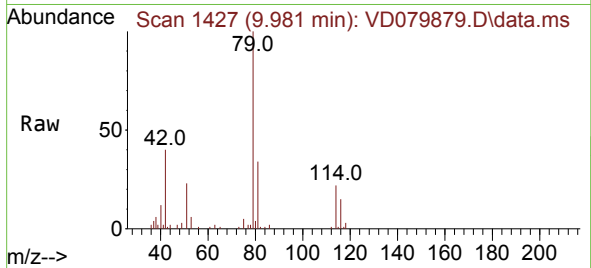
ClientSampleId :

Tgt Ion: 75 Resp: 2734

Ion Ratio Lower Upper

75 100

77 48.6 24.1 44.8#



#44

trans-1,3-Dichloropropene

Concen: 0.447 ug/L

RT: 10.528 min Scan# 1520

Delta R.T. -0.024 min

Lab File: VD079879.D

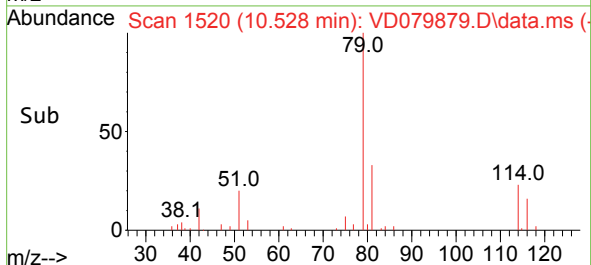
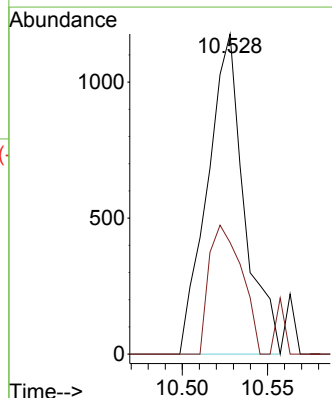
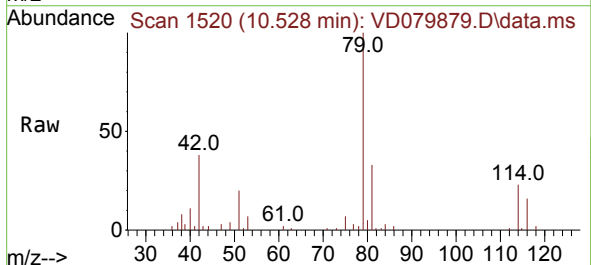
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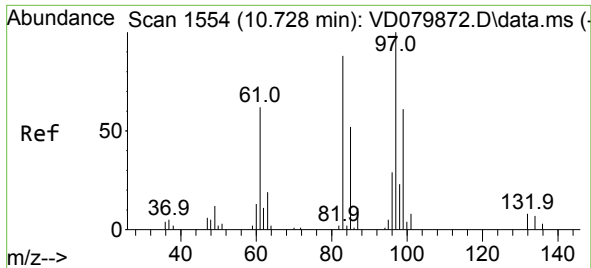
Tgt Ion: 75 Resp: 1769

Ion Ratio Lower Upper

75 100

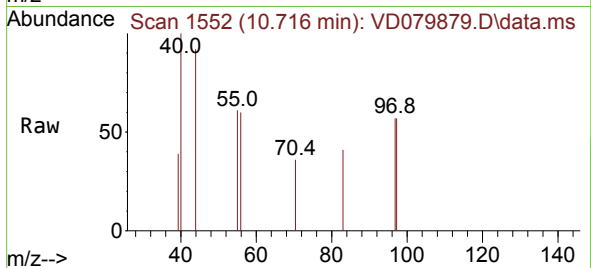
77 34.8 21.8 40.4



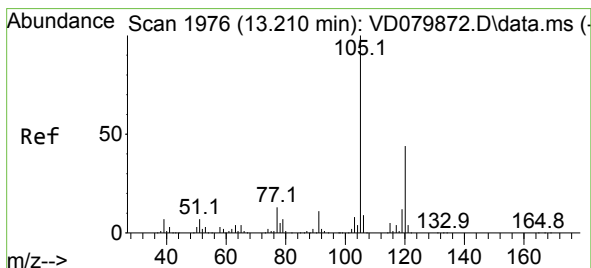
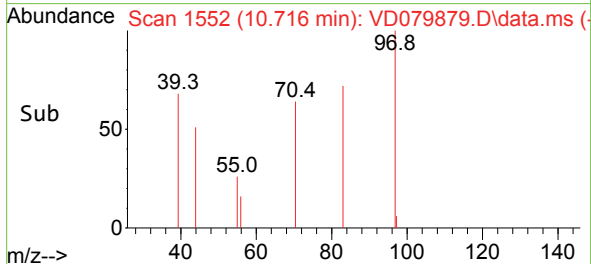
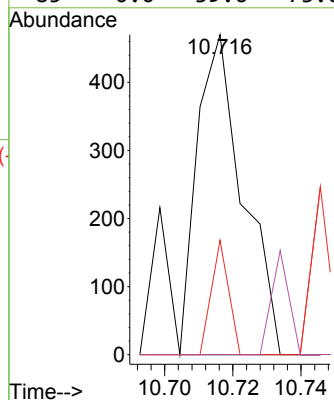


#45
 1,1,2-Trichloroethane
 Concen: 0.201 ug/L
 RT: 10.716 min Scan# 1552
 Delta R.T. -0.012 min
 Lab File: VD079879.D
 Acq: 24 Sep 2024 16:17

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 97 Resp: 440
 Ion Ratio Lower Upper
 97 100
 99 0.0 45.1 83.7#
 83 35.7 65.2 121.0#
 85 0.0 39.6 73.6#



#63
 1,2,4-Trimethylbenzene
 Concen: 0.292 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD079879.D
 Acq: 24 Sep 2024 16:17

Tgt Ion: 105 Resp: 1318
 Ion Ratio Lower Upper
 105 100
 120 18.3 36.3 54.5#

